

KEWANEE



Catalog 75

Water Heating
Garbage Burners
Tabasco Water
Heaters & Tanks

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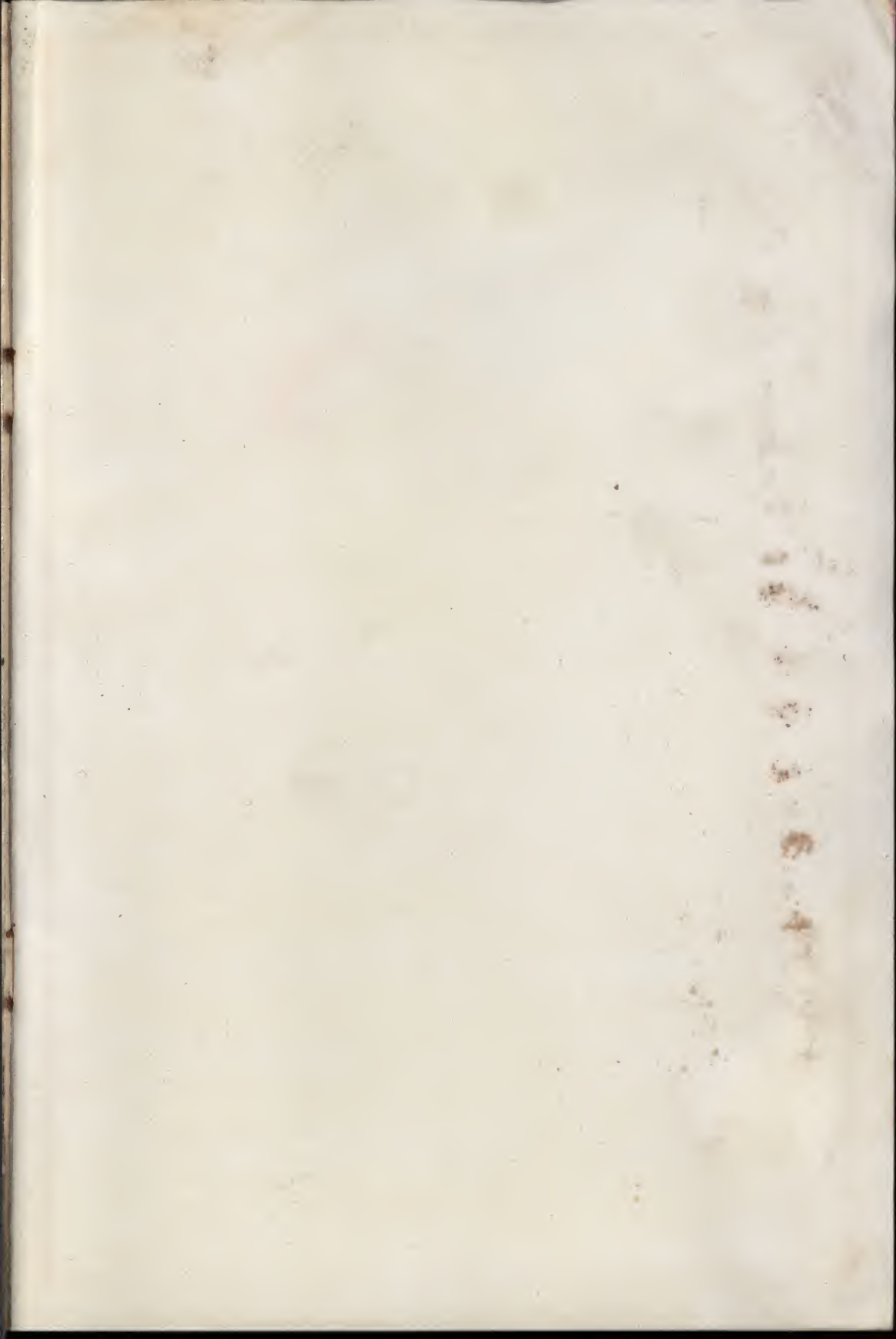
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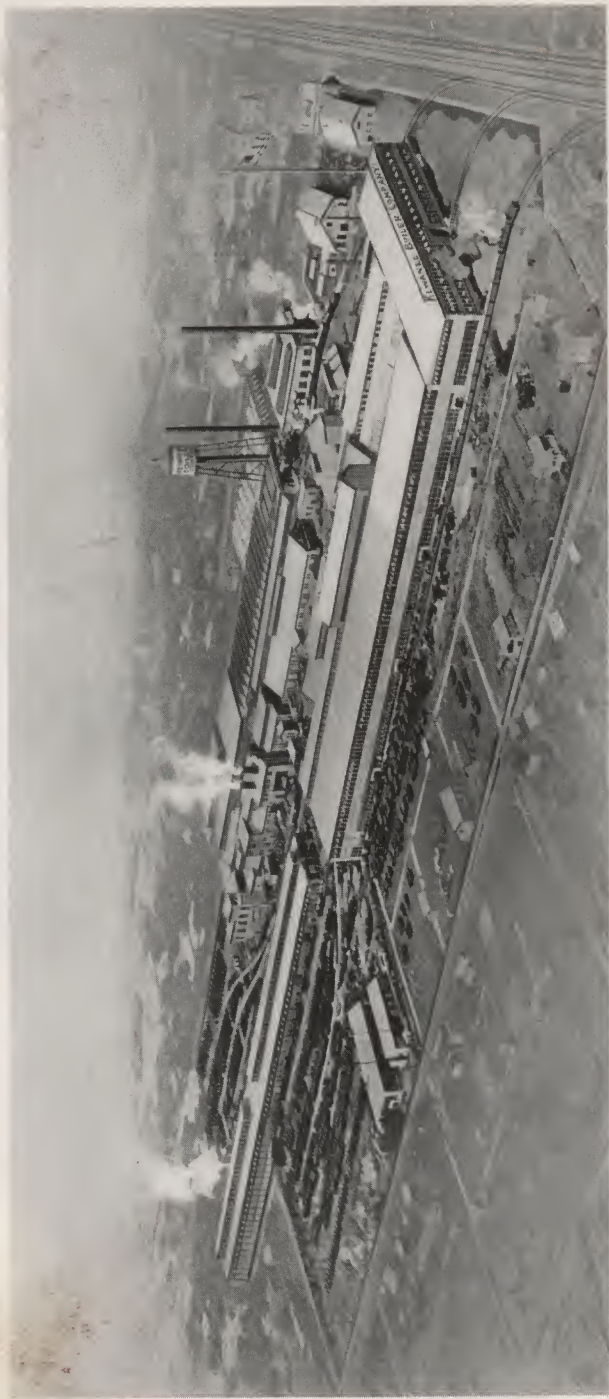
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THE HOME OF **KEWANEE** STEEL-RIVETED PRODUCTS

KEWANEE BOILER COMPANY

KEWANEE, ILLINOIS, U. S. A.

KEWANEE

TRADE MARK REG. U. S. PAT. OFF.

*Water Heating Garbage Burners,
Tabasco Water Heaters, Kewanee
Steel Storage and Pneumatic
Pressure Tanks, Air Receivers,
Gravel Basins, Blow-off Receivers*



Catalog No. 75

Reprint No. 10

Separate catalogs on Kewanee Steel Heating and
Power Boilers, Kewanee Radiators,
sent on request

KEWANEE BOILER COMPANY
KEWANEE, ILLINOIS

Branches in all Principal Cities of the
U. S. and Canada (See page 4)

KEWANEE BOILER COMPANY

KEWANEE, ILLINOIS

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TORONTO 2, ONTARIO 66 Richmond St., East

Reprint No. 10

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Printed in the U. S. A.

Tabasco Water Heaters

TO those engaged as Engineers, Architects, Builders, or Heating Contractors there comes frequently the responsibility of not only specifying certain general types of equipment for hot water supply, but of recommending some particular make of equipment best suited for this work.

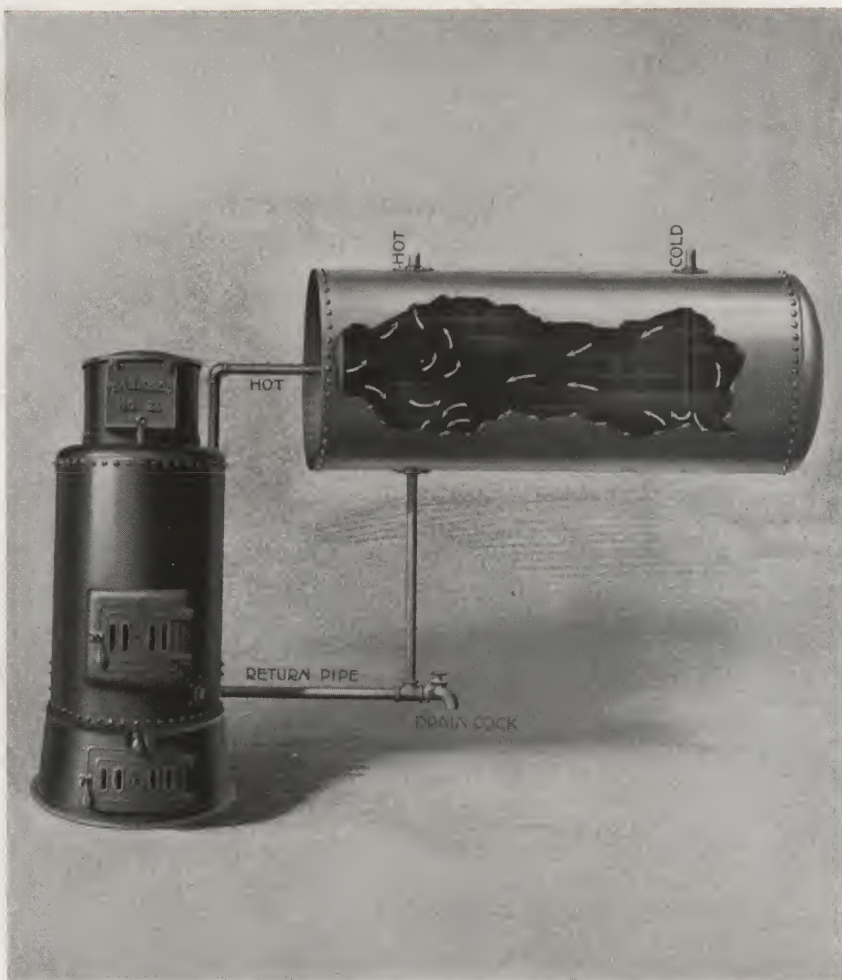
The reliability of the product and of the concern building it are most important, as also are the requirements that it be properly designed and constructed of the right material in the most approved manner for the purpose for which it is intended.

Such a heater must be simple to operate, require very little attention and be safe for the high water pressures which are carried now in most cities. To accomplish this and insure against cracking or breaking, the heater should be built of steel. Clean-out plugs or handholes should be provided for cleaning the inside of the heater and the heater should serve its purpose well and deliver plenty of hot water and at the same time be economical of fuel, having a long life with practically no repair cost.

Kewanee-Tabasco Heaters fulfill the above requirements and are most dependable. Kewanee-Tabasco Heaters make good, reflecting credit upon you who specify and recommend them. Kewanee-Tabasco Heaters satisfy customers.

Kewanee-Tabasco Water Heaters are made in 17 sizes to heat from 130 to 700 gallons of water per hour.





Tabasco Water Heater With Tank

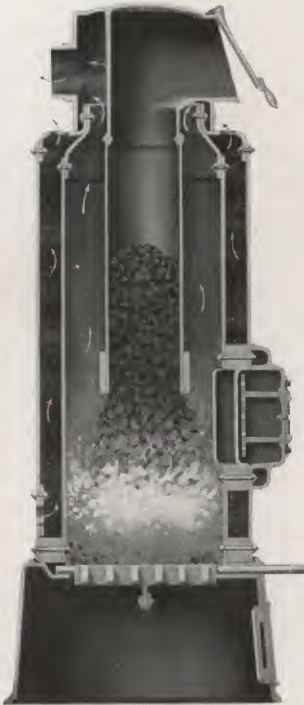
ALL steel magazine feed type as shown or surface burning. Standard Tabasco Heaters are constructed for maximum working pressure of 60 pounds. All Tabasco Heaters are supplied with brass clean-out plugs and equipped with the Tabasco improved rocking grate.

Tabasco Water Heaters

Price List and Dimensions

Heater	Cipher	Heating Capacity Gallons per Hour	Size of Heater Inches	Total Height Inches	Size Flow and Return Inches	Equiv. Diam. Smoke Pipe Inches	WEIGHT Pounds		Price Magazine Feed	Price Surface Burner
							Magazine Feed	Surface Burner		
17	Fabian	130	17 x 30	52	2-1½	6	455	400	\$130	\$125
18	Fable	150	17 x 36	57	2-1½	6	480	420	135	130
21	Facade	200	21 x 30	52	2-1½	7	590	520	160	150
22	Facial	250	21 x 36	59	2-1½	7	625	550	165	155
25	Factor	300	25 x 36	59	2-2	8¼	900	780	195	185
26	Faculty	350	25 x 42	65	2-2	8¼	935	810	200	190
27	Facund	400	25 x 48	71	2-2	8¼	965	840	205	195
30	Faddle	500	30 x 42	65	2-2½	8¼	1625	1500	250	235
31	Faggot	600	30 x 48	75	2-2½	8¼	1700	1600	260	245
32	Faint	700	30 x 54	81	2-2½	8¼	1780	1650	270	255

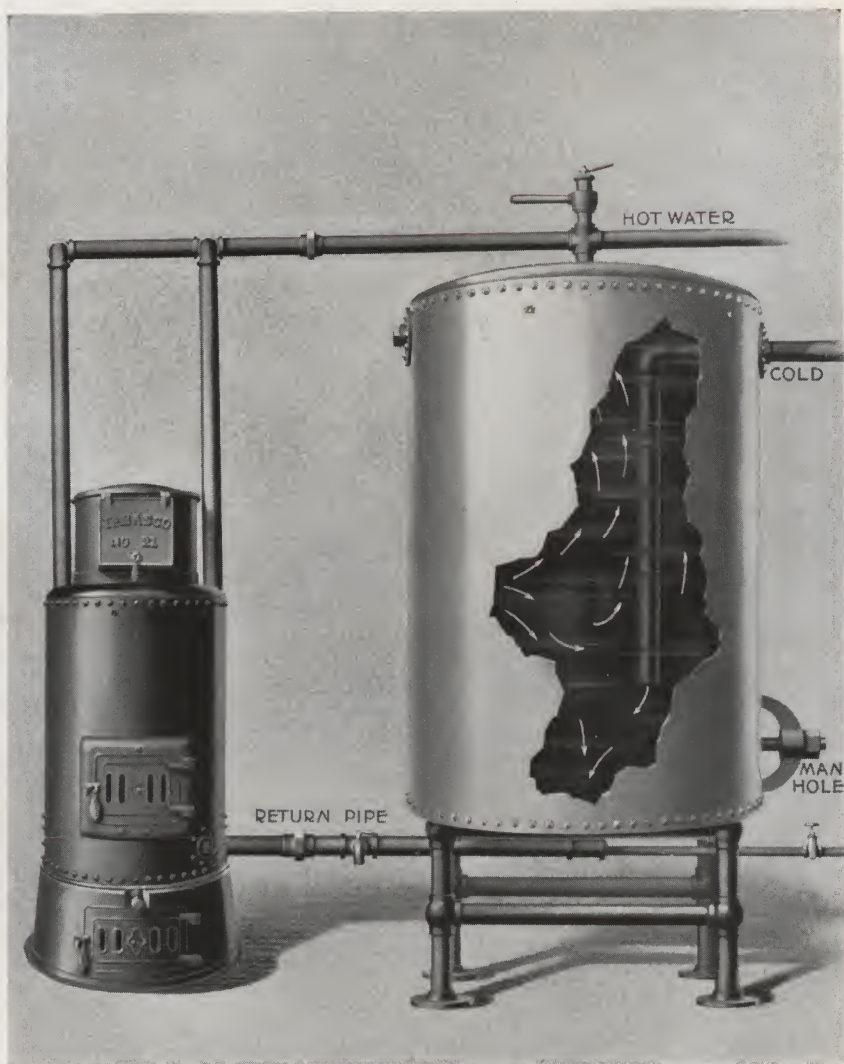
All above ratings are based on raising temperature of water 50 degrees in one hour.



Magazine Feed



Surface Burning



Type R

Type S

Extra heavy Tabasco Heaters and Vertical Tanks. This type heater constructed for maximum working pressure of 100 pounds

“Extra Heavy” Tabasco Heaters Type R

Number	150	200	300	400	500	600	700
Cipher	Goss	Gode	Gore	Goad	Golf	Gold	Gown
Capacity, gal. per hour	150	200	300	400	500	600	700
Total height	5' 3"	4' 10"	5' 4"	6' 6"	5' 10"	6' 10"	7' 2"
Diameter Fire Pot	12"	16"	20"	20"	25"	25"	25"
Size Flow and Return	2-1½"	2-1½"	2-2"	2-2"	2-2½"	2-2½"	2-2½"
Equivalent Diameter Smoke Pipe	6"	7"	8¼"	8¼"	8¼"	8¼"	8¼"
Approximate shipping weight, lbs., surface burner	600	700	950	1130	1500	1600	1650
Approximate shipping weight, lbs., maga- zine feed	660	775	1075	1275	1625	1700	1780
Price magazine feed, with fire tools.	\$190	\$210	\$240	\$260	\$320	\$340	\$360
For surface burner type deduct from list.	\$4	\$4	\$5	\$6	\$6	\$7	\$7

“Extra Heavy” Tabasco Tanks and Stands Type S

Size	36"x5'	42"x5'	48"x5'	54"x5'	60"x5'	60"x5'6"	60"x6'
Cipher	Gorn	Gole	Goen	Glad	Gibe	Gird	Gist
Capacity, gallons	265	360	470	590	730	800	875
Total height Tank and Stand	7' 2"	7' 3"	7' 4"	7' 5"	7' 6"	8' 0"	8' 6"
Weight Tank, pounds	1000	1300	1500	2000	2400	2500	2600
Price Tank with Manhole	\$300	\$350	\$400	\$500	\$580	\$600	\$620
Weight Tank Stands	160	180	200	220	250	250	250
Price Tank Stands	\$76	\$78	\$84	\$90	\$96	\$96	\$96

If manhole not wanted, deduct \$45 from list.

The Tabasco as a Hot Water Heating Boiler

THE ever-increasing demand for a heating boiler constructed of steel for the bungalow, cottage, garage, greenhouse and other buildings requiring small heating plants is being met with the Tabasco Hot Water Boiler.

The same advantages to which attention is called on page 5, and which have made the Tabasco most dependable and satisfactory over a long period of years as a water heater, apply as well to the Tabasco as a Hot Water Heating Boiler.

The ratings, as published on page 12, are in keeping with the long-established policy of the Kewanee Boiler Company. These boilers will heat all of the radiation shown by their capacity.

Tabasco Hot Water Boilers and Kewanee Radiation can go forward in one complete shipment from the plant at Kewanee, Illinois, where both are made.

All Tabasco Water Heaters are equipped with the Tabasco improved rocking grate—a sectional clinker-cutting, dumping grate.



Tabasco Improved Rocking Grate



TABASCO

Hot Water Heating Boiler

(See specifications on
following page.)

KEWANEE Radiators for Use With All Steam or Hot Water Jobs

We are prepared to furnish any
quantity of radiation in all shapes
and sizes or to special order.

Specify and use Kewanee radiation.



Specifications on Tabasco Hot Water Boilers

Heater No.	Size Heater Inches	Total Height Inches	Size Flow and Return Inches	WEIGHT Pounds		Total Amount Radiation Will Carry	Smoke Connection Inches		Diameter Grate Inches	List Price Magazine Feed Heater	List Price Surface Burner Heater
				Magazine Feed	Surface Burner		Size	Equiv. Diam.			
17	17 x 30	52	2-1½	455	400	200	4½ x 6⅞	6	12½	\$130	\$125
18	17 x 36	57	2-1½	480	420	250	4½ x 6⅞	6	12½	135	130
21	21 x 30	54	2-1½	590	520	300	5 x 8¼	7	15	160	150
22	21 x 36	59	2-1½	625	550	350	5 x 8¼	7	15	165	155
25	25 x 36	59	2-2	900	780	430	6 x 9½	8¼	19	195	185
26	25 x 42	65	2-2	935	810	500	6 x 9½	8¼	19	200	190
27	25 x 48	71	2-2	965	840	550	6 x 9½	8¼	19	205	195
30	30 x 42	65	2-2½	1625	1500	600	6 x 9½	8¼	24	250	235
31	30 x 48	75	2-2½	1700	1600	700	6 x 9½	8¼	24	260	245
32	30 x 54	81	2-2½	1780	1650	800	6 x 9½	8¼	24	270	255

Heaters No. 21 and above have four 2-inch brass clean-out plugs.

Maximum working pressure, 60 pounds.

Every Tabasco boiler is honestly rated and will take care of its rated capacity.

Kewanee Water Heating Garbage Burners

FOR the larger buildings where garbage accumulates, such as apartments, hospitals, sanitariums, hotels, restaurants, club houses, etc., the most practical water heating equipment is the Kewanee Garbage Burner.

It is strongly constructed of steel, with cast-iron doors.

The operation is very simple. A small fire is started on the lower or coal grates, the garbage being thrown into the upper chamber in quantities to completely fill it if necessary. It requires a short time to dry the garbage, reducing it to a combustible condition, when it burns completely without odor, leaving only a small amount of fine, odorless ash.

While this burning of the garbage is going on a distinct saving of fuel in heating water for domestic purposes is effected. In the work of heating water accomplished by the garbage burner, a saving of from 30 to 50 per cent in fuel is made over a regular tank heater of the same capacity, consequently making what was an expense an asset, by making fuel of garbage. It also eliminates all cost of removing garbage.

The By-Pass (a patented feature of all Kewanee Water Heating Garbage Burners) prevents the wet and damp garbage from smothering the fire when it is first started, as it provides a passage for the flames around the garbage, drying it to a point where it ignites and burns without odor.

Kewanee Water Heating Garbage Burners are built in 3 types and 14 sizes to withstand a working pressure of 125 pounds per square inch, thus enabling them to carry the water pressure of any city in the Union.

Kewanee Water Heating Garbage Burners will produce best results at minimum cost when the storage tank attached to them has a capacity 50 per cent greater than the capacity of the burner ranging from 200 to 2600 gallons per hour.

Patented Jan. 3, 1905; Dec. 12,
1905; Oct. 19, 1909; Aug. 16, 1910.



Sectional View Type A Kewanee
Water Heating Garbage Burner

KEWANEE Water Heating Garbage Burners Type A

Catalog Number	30	31	32	33
Cipher	Gay	Gaze	Gear	Gent
Capacity, gallons per hour, 50 degrees raise	200	300	400	600
Capacity, Garbage Chamber, one charge bushels	1	2	3	4
Height over all inches	58	64	64	68
Diameter of floor space required inches	22	25	30	36
Height to bottom of front Garbage Door inches	33	37	37	39
Dimensions of Garbage Door inches	7 x 8	7 x 8	7 x 8	9 x 12
Dimensions of Coal or Fire Doors inches	7 x 8	7 x 8	7 x 8	9 x 12
Diameter of Coal or Lower Grates inches	12	16	20	24
Size, Flow and Return Flanges, two each inches	1½	2	2	2
Diameter of Smoke Pipe inches	6	8	8	8½
Approximate shipping weight pounds	600	800	1000	1500
List Price, complete with Tools	\$190	\$230	\$260	\$350

Above ratings all based on raising temperature of water 50 degrees in one hour.

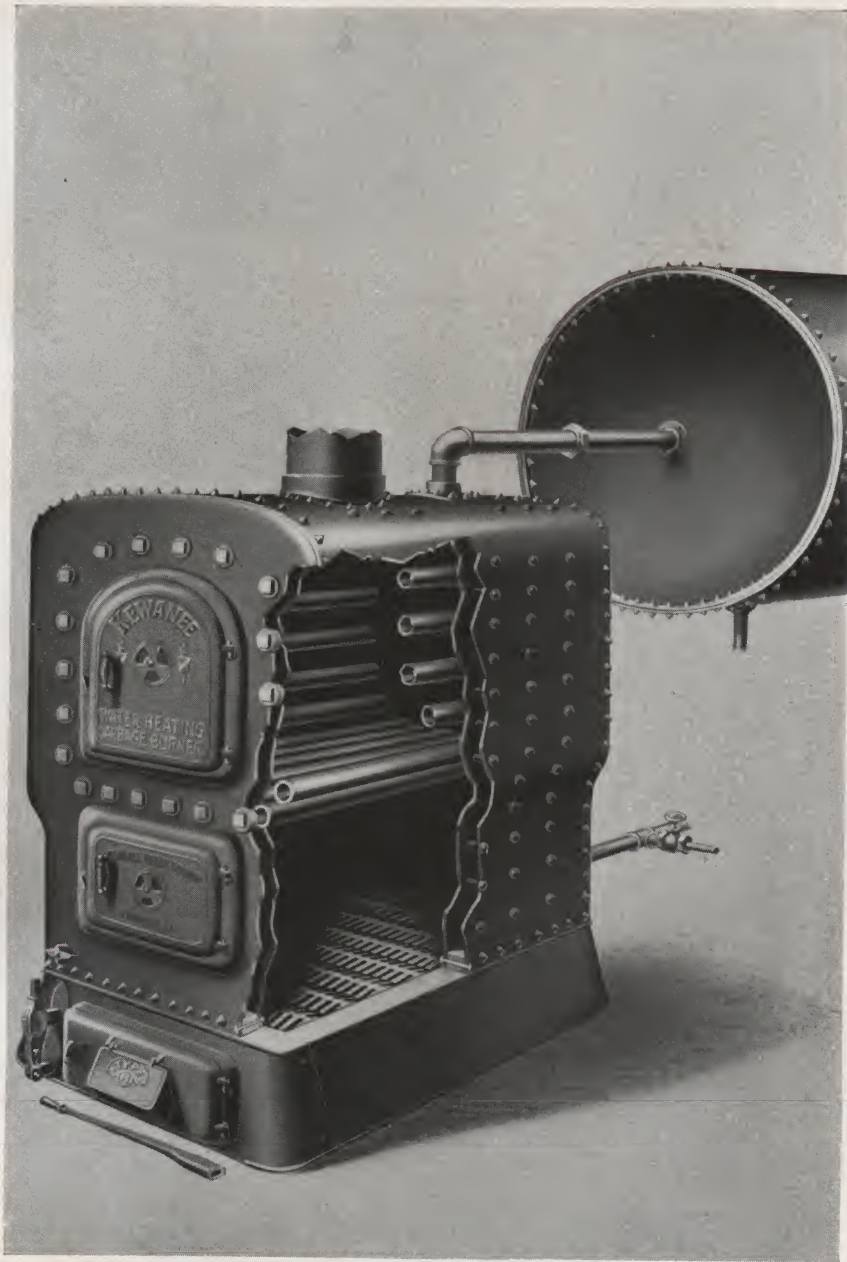


Sectional View Type D Kewanee
Water Heating Garbage Burner

Type D KEWANEE Water Heating Garbage Burner

Catalog Number Cipher	36 Gamy	37 Gang	38 Gap	39 Garb	40 Gash
Capacity, gallons per hour, 50 degrees raise	800	1000	1200	1500	1800
Capacity, Garbage Chamber, one charge	4 bushels	5	7	9	12
Height over all	56 inches	56	56	56	56
Dimensions of floor space required	35 x 35 inches	35 x 41	35 x 47	41 x 53	41 x 59
Dimensions over all	32 x 32 inches	32 x 38	32 x 44	38 x 50	38 x 56
Height to bottom of Garbage Door	31 inches	31	31	31	31
Dimensions of Garbage Door	16 x 16 inches	16 x 16	16 x 16	16 x 16	16 x 16
Dimensions of Coal or Fire Door	16 x 10 inches	16 x 10	16 x 10	16 x 10	16 x 10
Dimensions Lower or Coal Grates	24 x 24 inches	24 x 30	24 x 36	30 x 42	30 x 48
Size, Flow and Return Flanges, one each	2½ inches	2½	2½	3	3
Diameter of Smoke Pipe	10 inches	10	10	12	12
Approximate shipping weight	2100 pounds	2300	2500	3000	3300
List Price, complete with tools	\$560	\$610	\$660	\$780	\$870

Above ratings all based on raising temperature of water 50 degrees in one hour.



Sectional View Type H Kewanee
Water Heating Garbage Burner

Specifications Type H KEWANEE Water Heating Garbage Burner

Catalog Number	41	42	43	44	45
Cipher	Gait	Game	Gasp	Germ	Gift
Capacity, gallons per hour, 50 degrees raise	1200	1500	1800	2200	2600
Capacity, Garbage Chamber, one charge bushels	6	8	9	11	12
Height over all inches	69	69	69	71	71
Dimensions of floor space required inches	38 x 36	38 x 42	38 x 48	38 x 54	38 x 60
Dimensions over all inches	32 x 38	38 x 38	38 x 44	38 x 50	38 x 56
Height to bottom of Garbage Door inches	37	37	37	37	37
Dimensions of Garbage Door inches	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16
Dimensions of Coal or Fire Door inches	16 x 8	16 x 8	16 x 8	16 x 8	16 x 8
Dimensions of Lower or Coal Grates inches	24 x 24	24 x 30	24 x 36	24 x 42	24 x 48
Size, Flow and Return Flanges, one each inches	3	3	4	4	4
Diameter of Smoke Pipe inches	10	10	10	12	12
Approximate shipping weight pounds	2800	3100	3400	3700	4000
List Price, complete with Tools	\$850	\$890	\$930	\$980	\$1050

KEWANEE Steel Tanks

IN nearly thirty years of steel tank building the Kewanee Boiler Company has reached the point where it manufactures more steel tanks for all purposes than any other concern.

We specialize in the manufacture of tanks for Water Storage, Oil Storage, Air Receivers, Receiving Tanks, Gravel Basins and Blow-off Receivers as well as the Standard Hot Water Pressure Tanks and Pneumatic Tanks.

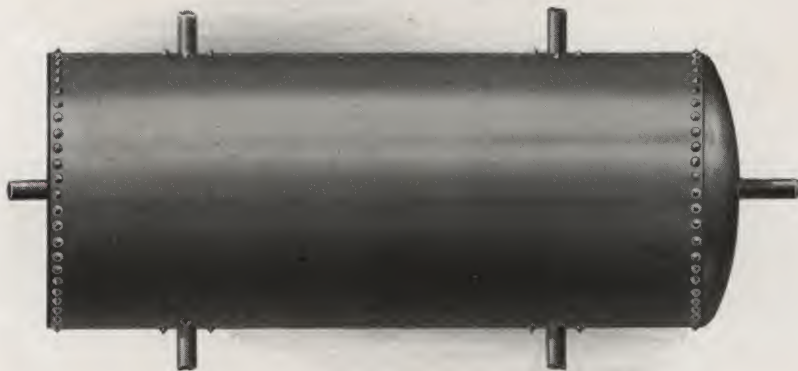
This catalog is intended to show the sizes which we regularly make and the specifications according to those sizes. Complete specifications on all types of tanks we are called upon to make are out of the question but we will be glad to quote prices on steel tanks no matter what the size might be or the pressure under which they will be operated or for what purpose they are intended. They can be furnished in galvanized steel which would be made of heavy steel plates being thoroughly double or single riveted and then galvanized.

Kewanee Steel Tanks will serve you and your customer in the same satisfactory manner that Kewanee Steel Boilers are now serving you.



Standard Tanks

TESTED to 100 pounds hydrostatic pressure, and for use where water working-pressure does not exceed 65 pounds. Regularly made with openings so that they may be used horizontally or vertically. Manholes, handholes, and coils furnished only when specially ordered. We recommend that tanks containing coils be made with a manhole.



KEWANEE Standard Water Storage Tanks

Capacity Gallons	Size	Approx. Shipping Weight	Openings	List Price	Size Coil	Plain Coil	Galv. Coil
66	20 x 4	270	1½	\$ 94	4 Pipes 1"	\$29.00	\$35.00
85	20 x 5	310	1½	104	4 " 1"	30.50	38.50
100	24 x 4	330	1½	109	4 " 1¼	35.50	42.00
120	24 x 5	380	1½	123	4 " 1¼	37.00	45.00
140	24 x 6	440	1½	134	4 " 1¼	38.50	48.00
150	30 x 4	430	2	143	4 " 1¼	35.50	42.00
180	30 x 5	500	2	158	4 " 1¼	37.00	45.00
220	30 x 6	560	2	173	4 " 1¼	38.50	48.00
250	30 x 7	630	2	196	4 " 1¼	40.00	51.00
295	30 x 8	700	2	211	4 " 1¼	41.50	54.00
315	36 x 6	700	2	206	4 " 1½	51.00	62.00
365	36 x 7	780	2	241	4 " 1½	54.00	66.00
420	36 x 8	870	2	256	4 " 1½	57.50	70.00
525	36 x 10	1030	2	293	4 " 1½	64.00	78.00
430	42 x 6	890	2	276	4 " 1½	51.00	62.00
500	42 x 7	980	2	310	4 " 1½	54.50	66.00
575	42 x 8	1070	2	333	4 " 1½	57.50	70.00
720	42 x 10	1250	2	375	4 " 1½	64.00	78.00
865	42 x 12	1430	2	415	4 " 1½	70.50	85.00
1000	42 x 14	1620	2	468	4 " 1½	77.00	93.00

Flanged opening add to list for each opening:

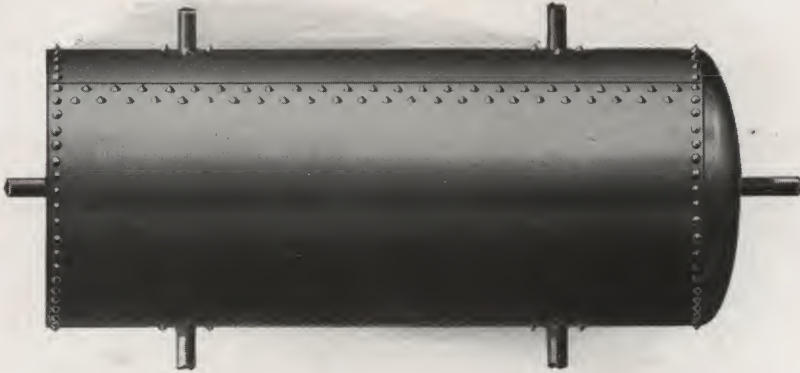
2" or 2½"—\$8.00; 3" or 3½"—\$9.00; 4"—\$10.00; 5"—\$15.00; 6"—\$18.00.

Manhole in head, \$30.00, adds to weight, 100 lbs.; in shell, \$45.00, adds to weight, 200 lbs.

Handhole in head or shell, \$8.00.

Extra Heavy Tanks

TESTED to 150 pounds hydrostatic pressure, and for use where water working-pressure does not exceed 100 pounds. For tanks for greater pressure, prices and specifications will be submitted on application.



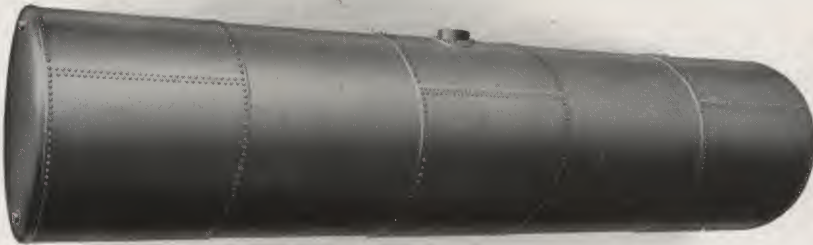
KEWANEE Extra Heavy Water Storage Tanks

Capacity Gallons	Size	Approx. Shipping Weight	Size Openings	List Price
120	24 x 5	390	1½"	\$137
140	24 x 6	440	1½"	155
180	30 x 5	520	2	182
220	30 x 6	590	2	198
250	30 x 7	660	2	224
295	30 x 8	720	2	242
315	36 x 6	920	2	264
365	36 x 7	1030	2	300
420	36 x 8	1160	2	328
525	36 x 10	1380	2	385
430	42 x 6	1140	2	345
500	42 x 7	1260	2	390
575	42 x 8	1400	2	420
720	42 x 10	1660	2	480
865	42 x 12	1910	2	540
1000	42 x 14	2180	2	614
750	48 x 8	1690	3	510
940	48 x 10	1960	3	580
1130	48 x 12	2250	3	650
1300	48 x 14	2570	3	715
1500	48 x 16	2860	3	800
1700	48 x 18	3150	3	870

For extras, coils, etc., list same as used for standard tanks.

Pressure and Storage Tanks

WE do not attempt to give all of the different styles and sizes of tanks in the following list. These tanks can be built for all purposes and pressures, and of any size. In making inquiry for prices and specifications, always give the purpose for which the tank is to be used, the pressure to be carried, and the number of gallons capacity. Tanks listed below are for pressures up to 100 pounds.



Size Tanks In. Ft.	Thick- ness of Shell In.	Thick- ness Head In.	Weight Pounds	Cap. Gallons	Size Tanks In. Ft.	Thick- ness of Shell In.	Thick- ness Head In.	Weight Pounds	Cap. Gallons
48 x 8	$\frac{1}{4}$	7-16	1700	750	60 x 28	5-16	7-16	7800	4090
48 x 10	$\frac{1}{4}$	7-16	2000	940	60 x 32	5-16	7-16	8700	4670
48 x 12	$\frac{1}{4}$	7-16	2300	1130	60 x 36	5-16	7-16	9800	5260
48 x 14	$\frac{1}{4}$	7-16	2600	1300	72 x 20	5-16	$\frac{1}{2}$	7400	4240
48 x 16	$\frac{1}{4}$	7-16	2900	1500	72 x 24	5-16	$\frac{1}{2}$	8500	5090
48 x 18	$\frac{1}{4}$	7-16	3200	1700	72 x 28	5-16	$\frac{1}{2}$	9700	5940
48 x 20	$\frac{1}{4}$	7-16	3500	1880	72 x 32	5-16	$\frac{1}{2}$	10800	6780
48 x 24	$\frac{1}{4}$	7-16	4100	2260	72 x 36	5-16	$\frac{1}{2}$	11900	7630
54 x 12	5-16	7-16	3500	1420	84 x 20	5-16	$\frac{1}{2}$	9200	5760
54 x 14	5-16	7-16	3900	1660	84 x 24	5-16	$\frac{1}{2}$	10500	6910
54 x 16	5-16	7-16	4300	1890	84 x 28	5-16	$\frac{1}{2}$	11800	8070
54 x 18	5-16	7-16	4700	2130	84 x 32	5-16	$\frac{1}{2}$	13200	9220
54 x 20	5-16	7-16	5200	2360	84 x 36	5-16	$\frac{1}{2}$	14500	10370
54 x 24	5-16	7-16	6000	2840	96 x 24	$\frac{3}{8}$	$\frac{5}{8}$	14600	9000
60 x 20	5-16	7-16	5900	2920	96 x 30	$\frac{3}{8}$	$\frac{5}{8}$	17200	11250
60 x 24	5-16	7-16	6900	3470	96 x 36	$\frac{3}{8}$	$\frac{5}{8}$	20000	13500

Manholes and flanges can be located where desired.

KEWANEE Pneumatic Tanks



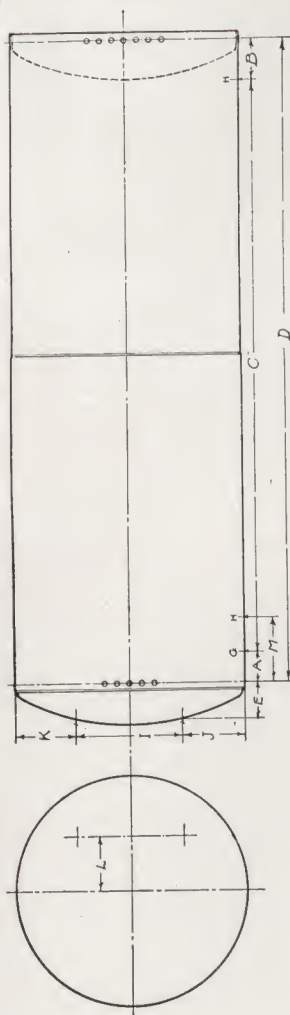
KEWANEE pneumatic tanks are built for 75 pounds water working-pressure. The horizontal seam is lap joint, double riveted, all rivet holes reamed to full size. The openings in shell are reinforced and carefully threaded. Prices for larger tanks than shown below, on application. Prices shown below are for plain tanks of which we have complete stock on hand. Prices for galvanized tanks can be furnished on application.

Specifications KEWANEE Pneumatic Tanks, Double Riveted, Lap Joint Shell Seams

Size	Approximate Weight	List
24 x 5	390	\$120
24 x 6	440	135
24 x 10	660	204
30 x 6	590	172
30 x 8	720	212
30 x 10	850	244
36 x 6	730	205
36 x 8	890	255
36 x 10	1050	295
36 x 12	1200	330
36 x 14	1380	380
42 x 8	1370	365
42 x 10	1630	425
42 x 12	1880	480
42 x 14	2150	545
48 x 10	1930	490
48 x 14	2540	620
48 x 16	2830	690
48 x 20	3440	835
48 x 24	4018	965

List Price, manhole in shell, \$45.00, adds to weight 200 pounds; in head, \$30.00, adds to weight 100 pounds. Handhole in head or shell, \$8.00.

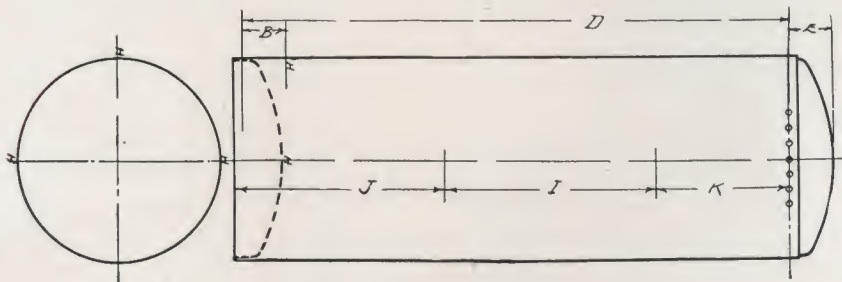
Tappings for KEWANEE Pneumatic Tanks for Horizontal Installation



SIZE	A	B	C	D	E	G	H	I	J	K	L	M
24 x 5	5½	6	46	57½	4½	1	1	15¼	43⁄8	43⁄8	6	
24 x 6	5½	6	58	69½	4½	1	1	15¼	43⁄8	43⁄8	6	
24 x 10	5½	6	104	115½	4½	1	1	15¼	43⁄8	43⁄8	6	
30 x 6	5½	6	58	69½	5½	1	1	15¼	73⁄8	73⁄8	6	
30 x 8	5½	6	80	91½	5½	1	1	15¼	73⁄8	73⁄8	6	
30 x 10	5½	6	104	115½	5½	1	1	15¼	73⁄8	73⁄8	6	
36 x 6	5½	6	58	69½	6½	1¼	1¼	15¼	103⁄8	103⁄8	8	10
36 x 8	5½	6	80	91½	6½	1¼	1¼	15¼	103⁄8	103⁄8	8	10
36 x 10	5½	6	104	115½	6½	1¼	1¼	15¼	103⁄8	103⁄8	8	10
36 x 12	5½	6	128	139½	6½	1¼	1¼	15¼	103⁄8	103⁄8	8	10
36 x 14	5½	6	149	160½	6½	1¼	1¼	15¼	103⁄8	103⁄8	8	10
42 x 8	6	7½	79½	93	7	1½	1½	19¼	113⁄8	113⁄8	10	11¾
42 x 10	6	7½	101½	115	7	1½	1½	19¼	113⁄8	113⁄8	10	11¾
42 x 12	6	7½	125½	139	7	1½	1½	19¼	113⁄8	113⁄8	10	11¾
42 x 14	6	7½	149½	163	7	1½	1½	19¼	113⁄8	113⁄8	10	11¾
48 x 10	6	7½	101½	115	7½	2	2	25¼	113⁄8	113⁄8	12	11¾
48 x 14	6	7½	149½	163	7½	2	2	25¼	113⁄8	113⁄8	12	11¾
48 x 16	6	7½	173½	187	7½	2	2	25¼	113⁄8	113⁄8	12	11¾
48 x 20	6	7½	218½	232	7½	2	2	25¼	113⁄8	113⁄8	12	11¾
48 x 24	6	7½	260½	280	7½	2	2	25¼	113⁄8	113⁄8	12	11¾

Tappings for KEWANEE Vertical Pneumatic Tanks

SIZE	B	D	E	H	I	J	K
24 x 5	6	57½					
24 x 6	6	69½	4½	1	25¼	29½	15¾
30 x 6	6	69½	5½	1	25¼	29½	15¾
36 x 6	6	69½	6½	1	25¼	29½	15¾



We are prepared to furnish all sizes of tanks as shown on opposite page for vertical installation. Tanks over 6 feet are tapped for two gauge glasses.



Gravel Basins and Blow-Off Receivers



Price List

Diameter Inches	Height Inches	Thickness Shell Inches	Thickness of Heads Inches	Capacity Gallons	Weight Pounds	Price with Manhole and Two Flanges
20	24	$\frac{1}{4}$	5-16	34	360	\$100.00
24	24	$\frac{1}{4}$	5-16	47	400	110.00
30	24	$\frac{1}{4}$	5-16	73	500	120.00
30	30	$\frac{1}{4}$	5-16	90	550	130.00
36	30	$\frac{1}{4}$	5-16	130	680	140.00
36	36	$\frac{1}{4}$	5-16	160	740	152.00
36	48	$\frac{1}{4}$	5-16	210	850	164.00

Flanges of any size required and located to suit purchaser. If handhole is used instead of manhole, deduct \$22.00 from above list.



KEWANEE Air Receivers

WE use steel of 55,000 pounds tensile strength in the shell and heads of all Air Receivers. Shell seams are lap joints, double-riveted; circular seams, single-riveted. Heads are dished to a radius equal to the diameter of the shell, making an exceptionally strong receiver, which is tested to 165 pounds hydrostatic pressure, and insures its being safe and tight under 110 pounds working pressure. Receivers larger in diameter than 36 inches are regularly made with a manhole.

Specifications KEWANEE Air Receivers

For 110 Pounds Working Pressure

Size	Capacity, Cubic Feet	Shell Thickness, Inches	Heads Thickness, Inches	Inlet and Outlet, Inches	Safety Valve, Inches	Drain, Inches	Dimension Floor to Outlet, Feet Inches	Dimension Floor to Inlet, Inches	Weight, Pounds
20 x 5	11	$\frac{3}{16}$	$\frac{1}{4}$	1½	1	½	3-9	15	310
24 x 5	16	$\frac{3}{16}$	$\frac{1}{4}-\frac{5}{16}$	2	1	½	3-9	15	375
24 x 6	19	$\frac{3}{16}$	$\frac{1}{4}-\frac{5}{16}$	2	1	½	4-9	15	430
24 x 8	25	$\frac{3}{16}$	$\frac{1}{4}-\frac{5}{16}$	2	1	½	6-6	18	535
30 x 5	24	$\frac{1}{4}$	$\frac{5}{16}$	2½	1¼	1	3-9	15	660
30 x 6	29	$\frac{1}{4}$	$\frac{5}{16}$	2½	1¼	1	4-6	18	750
30 x 8	39	$\frac{1}{4}$	$\frac{5}{16}$	2½	1¼	1	6-6	18	935
36 x 6	42	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	2½	1¼	1	4-6	18	1140
36 x 8	56	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	2½	1¼	1	6-0	18	1360
36 x 10	70	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	2½	1¼	1	8-0	18	1580
42 x 8	77	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	3	1½	1	6-0	18	1860
42 x 10	96	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	3	1½	1	8-0	18	2160
42 x 12	115	$\frac{1}{4}$	$\frac{5}{16}-\frac{3}{8}$	3	1½	1	9-6	24	2480
48 x 8	100	$\frac{5}{16}$	$\frac{3}{8}-\frac{7}{16}$	3	1½	1	6-0	18	2165
48 x 10	125	$\frac{5}{16}$	$\frac{3}{8}-\frac{7}{16}$	4	2	1	7-6	24	2525
48 x 12	150	$\frac{5}{16}$	$\frac{3}{8}-\frac{7}{16}$	4	2	1	9-6	24	2855
48 x 14	176	$\frac{5}{16}$	$\frac{3}{8}-\frac{7}{16}$	4	2	1	11-6	24	3230
48 x 16	201	$\frac{5}{16}$	$\frac{3}{8}-\frac{7}{16}$	4	2	1	13-6	24	3600
54 x 12	191	$\frac{5}{16}$	$\frac{3}{8}-\frac{1}{2}$	6	2½	1	9-6	24	3930
54 x 14	223	$\frac{5}{16}$	$\frac{3}{8}-\frac{1}{2}$	6	2½	1	11-6	24	4420

Tested to 165 pounds hydrostatic pressure. Air receivers 36 inches in diameter and larger are regularly constructed with a 10 x 16-inch manhole in the shell. Trimmings include 5-inch pressure gauge, pop safety valve, and blow-off cock.

Operating Instructions for KEWANEE Water Heating Garbage Burner

Before Starting Fire—

Open all valves in water supply pipe.
Make sure that the valves between the tank and heater are open.
The smoke pipe should be the same size as the collar on the burner.
Make sure that the damper in the same is wide open.
If there is a check damper, be sure to close it.
See that everything is clear and free from obstructions.

To Start Fire—

Build fire on the lower grates.
When draft is too strong, control fire by small draft door in front of the ash-pit.
Regulate your water temperature in this way.

To Burn Garbage and Refuse—

See that your fire is burning clear.
Open the damper in the smoke pipe wide.
Close the fire door and lower draft door.
Throw garbage and refuse in upper chamber only.
Keep the by-pass free from refuse.
If you get an odor from the top of the stack, the fire is not burning clear and there is not draft enough.

To Maintain Fire—

Do not carry the fire above the bottom of the fire door.
Remove ashes from ash-pit every time you shake the fire; otherwise you will burn the grates.
Bank your fires at night.

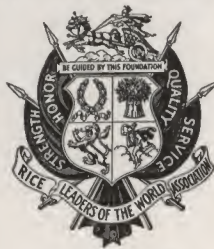
Suggestions—

Drain liquids off the garbage.
Line your garbage cans with old newspapers.
Destroy these papers with the garbage.

To Clean Burner—

Remove brass plugs on sides of burner.
Remove all handhole plates.
Scrape all interior surfaces free from mud and sediment.
Flush out the entire heater with water.
Do this at least five times a year; more frequently if necessary.

By Invitation Member



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